

Cancel
the product that includes a series of loops extending generally back and forth across a portion of the product surface and extending generally along the product surface in the conveyor feed direction.--

Please replace the paragraph at page 7, lines 11-18 with the replacement paragraph below:

C2
--As can be understood from the structure described so far, platen 100 moves in two orbits, one created by the rotation of shafts 102 and 104 and the other created by the rotation of brace 70. This dual rotation simulates the motion of sanding by hand. Shafts 102 and 104 typically rotate at 3,000 to 12,000 revolutions per minute while shafts 72 and 74 typically rotate at approximately 200 revolutions per minute. In one aspect of the invention, the rotation of shafts 102 and 104 produce a first circular translational orbit speed of from one thousand to five thousand inches-per-minute. In an additional aspect of the invention, the rotation of shafts 72 and 74 result in a second circular translation orbit speed that has an average magnitude that is between 1/15 and 1/60 of that of the first speed. Shafts 102 and 104 may rotate in the same direction or in the opposite direction as shafts 72 and 74. Any structure capable of driving the platen and abrasive in one or more orbits may be used, such as the motor and drive shaft structure described above.--

IN THE CLAIMS:

Please cancel claims 2 and 5 without prejudice.

Please replace claim 15 with the following amended claim 15:

15. (5) Twice Amended) The sander of claim 14 further comprising two timing pulleys, one on each of the two shafts supported by the brace and a timing belt driven by